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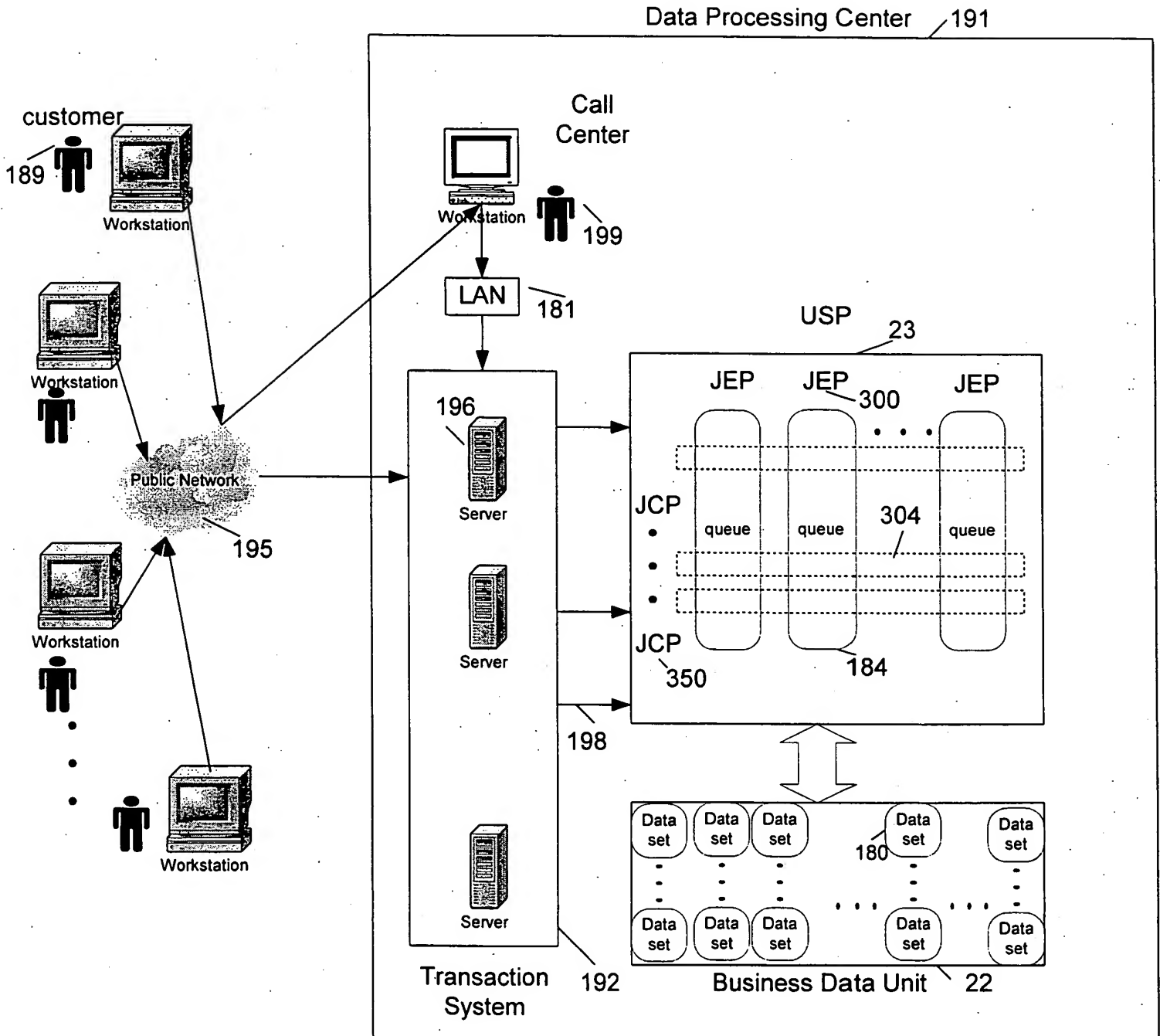


FIG. 1

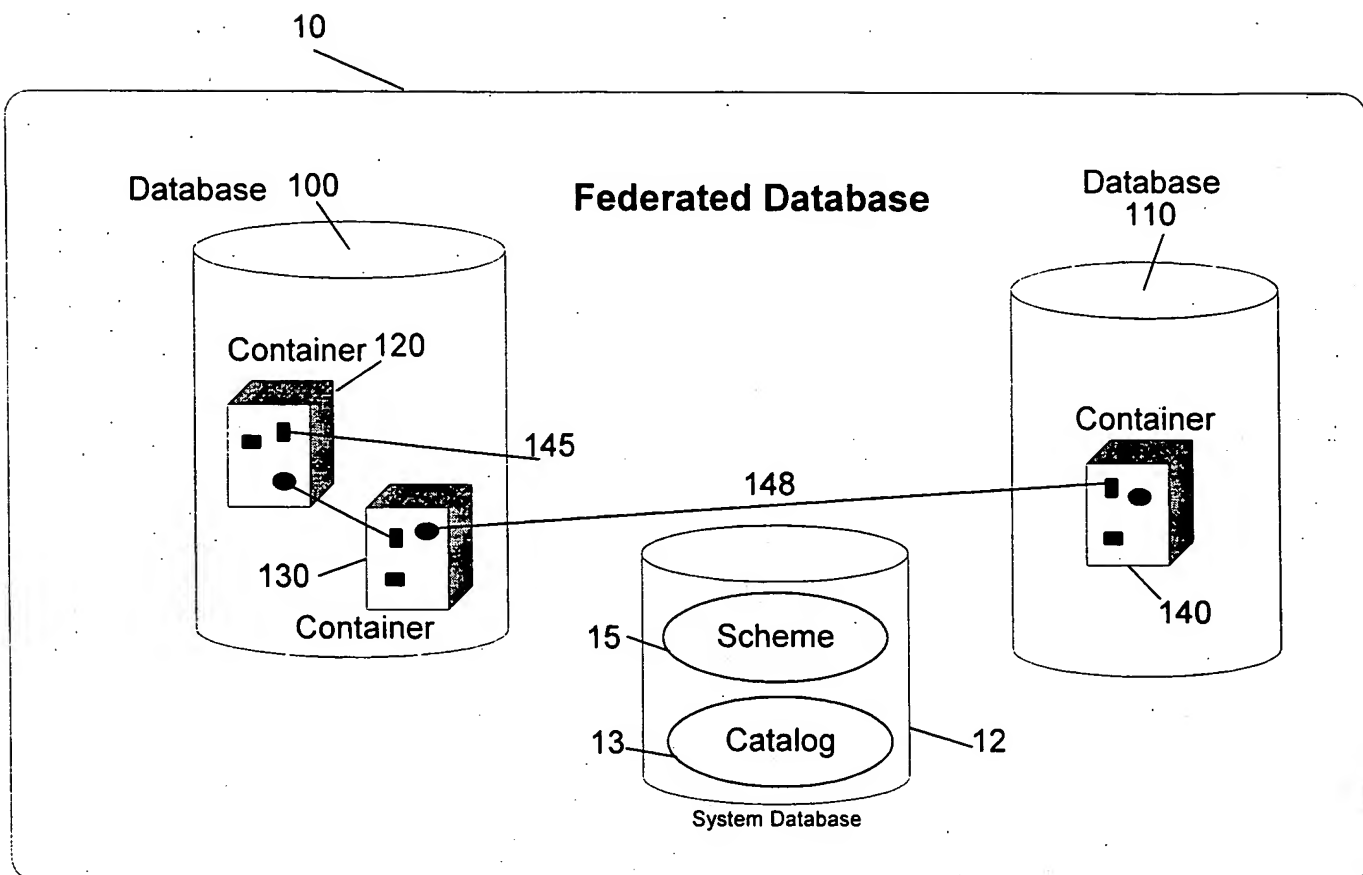
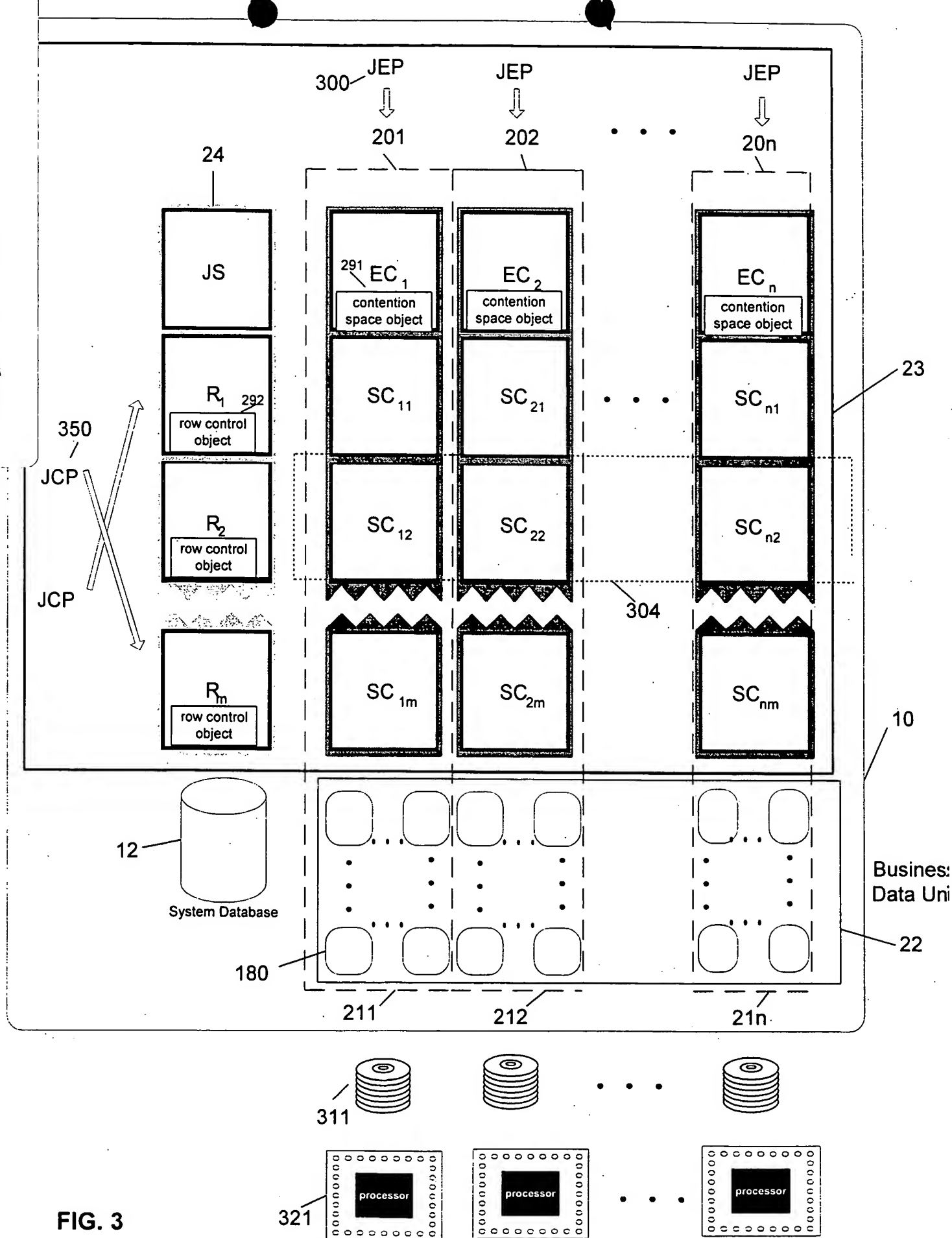


FIG. 2



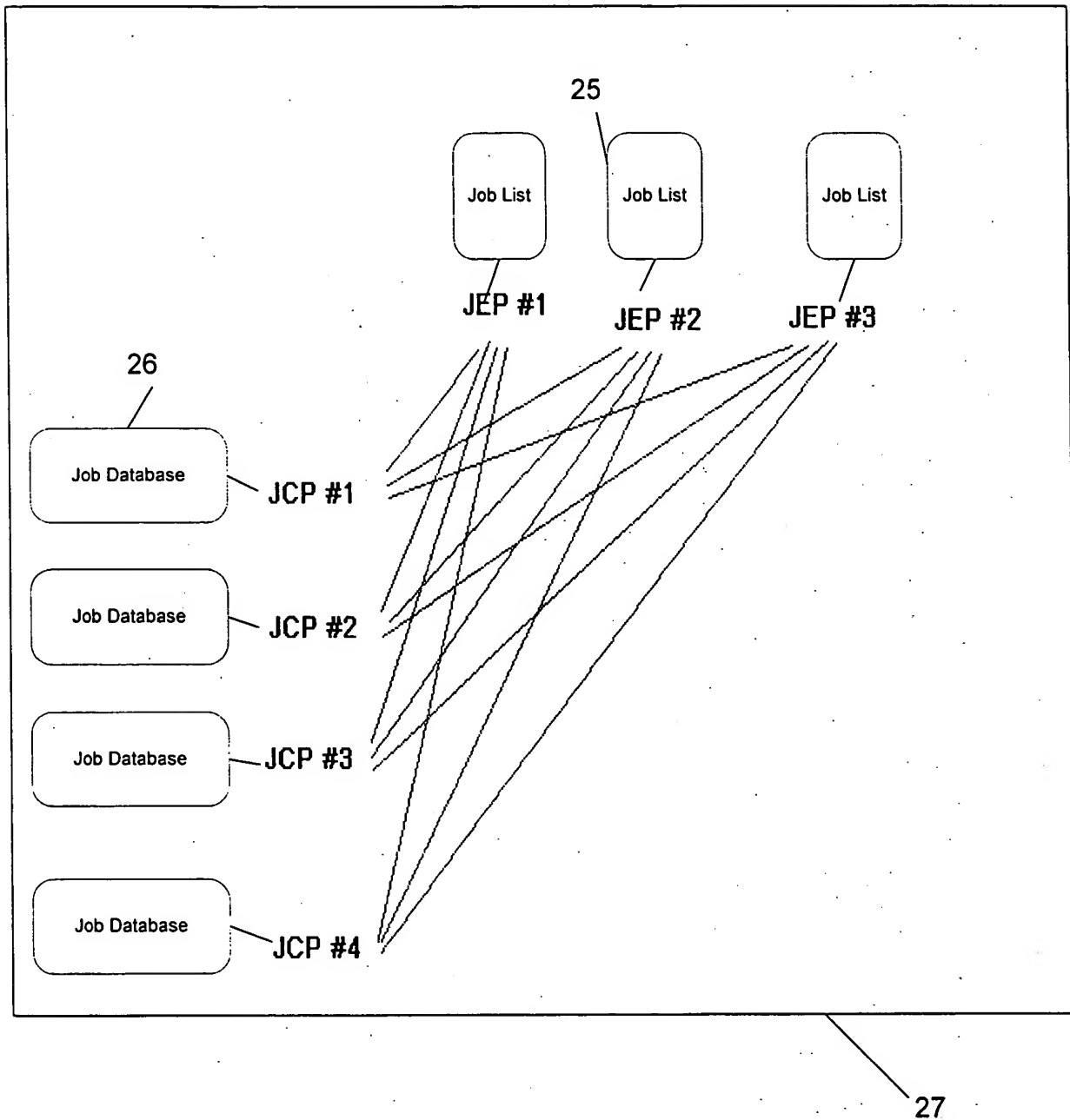


FIG. 4

The lines connecting JCP and JEP are TCP/IP connections

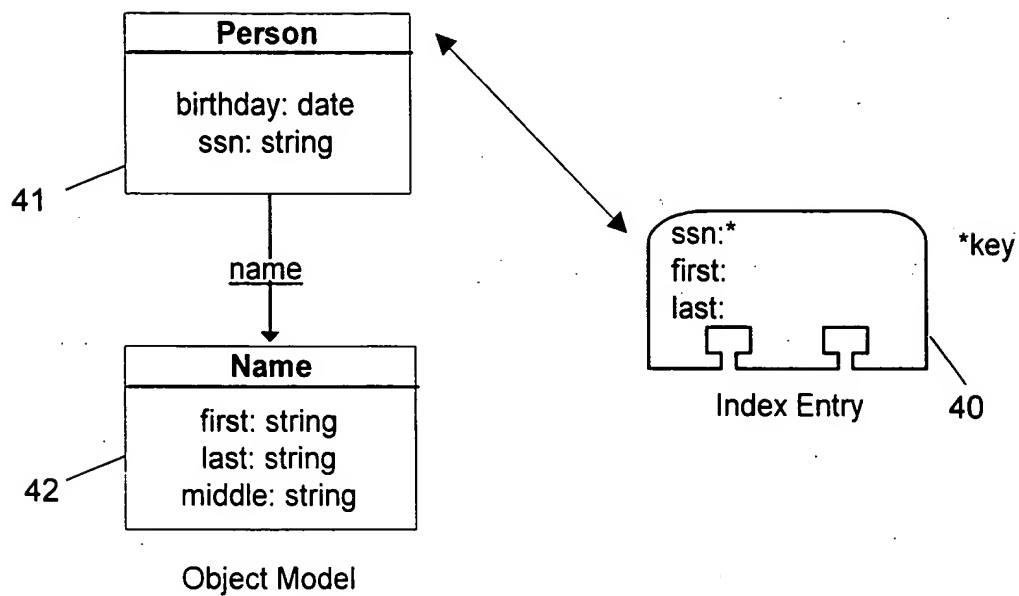


FIG. 5

53

**Edit Class Test::Person**

Class name:  Superclass:

☐ Abstract ☒ Identity ☒ Root

Index Definitions

Object Indices:

Mechanism:  Containers:

☐ Unique

**Data Key Attribute**

| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> info (Test::PersonInfo)   |
|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/>            | <input type="checkbox"/>            | birthDate (Date)  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | email (String)  |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ssn (Integer)   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> addresses (Test::Address) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | line1 (String)  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | line2 (String)  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | line3 (String)  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | line4 (String)  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | city (String)   |

OK Cancel

51

52

50

FIG. 6



63

61

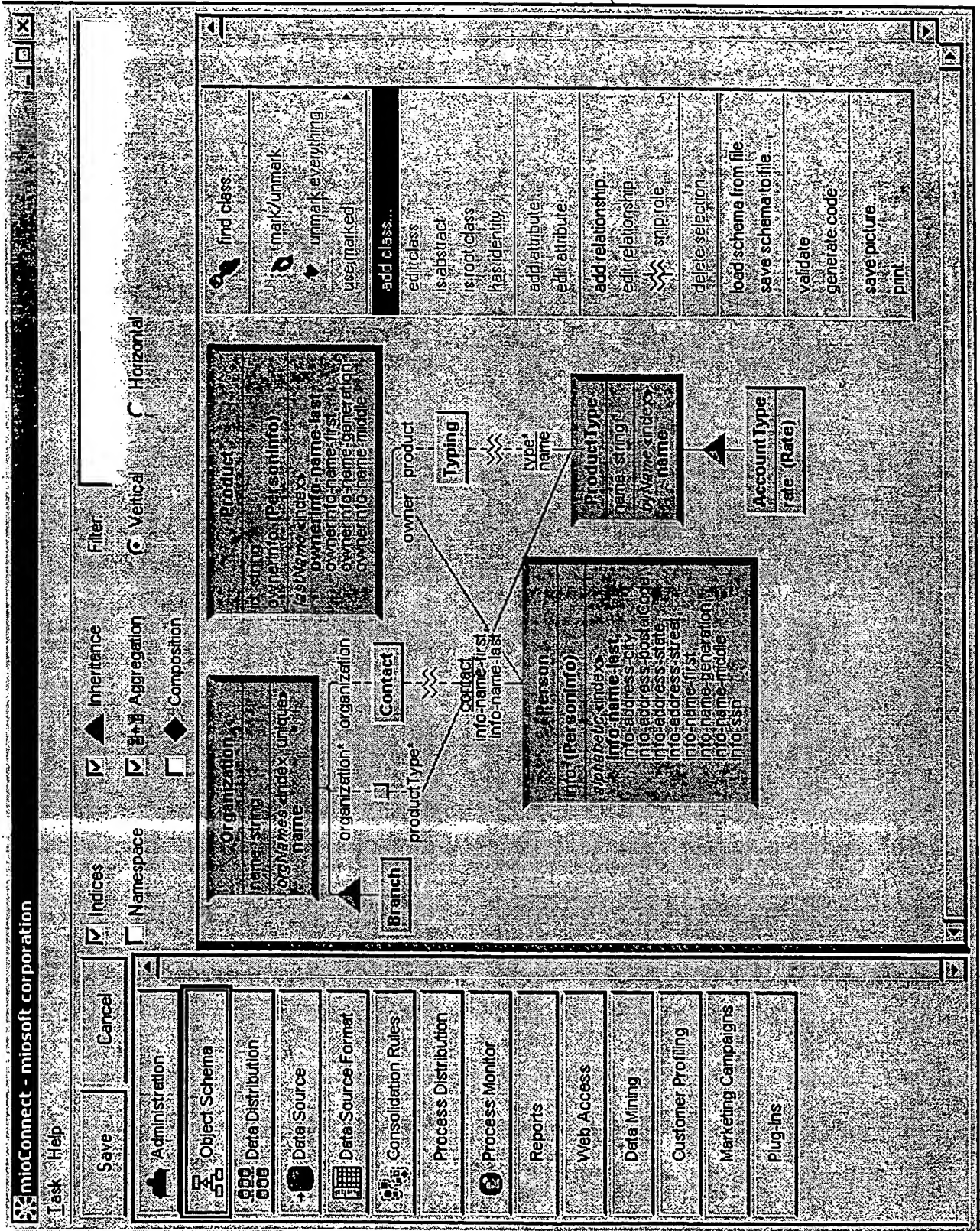


FIG. 7

62



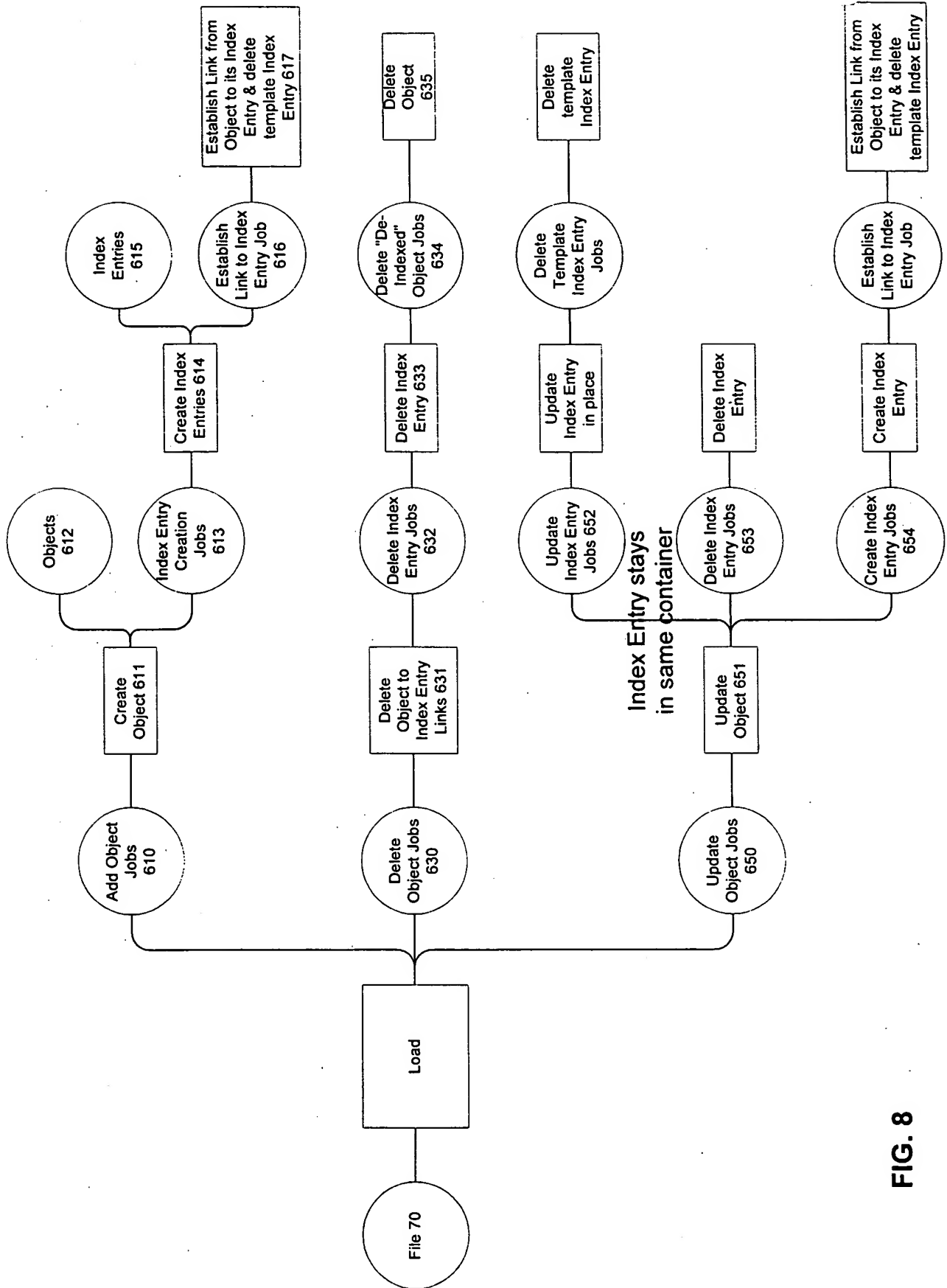


FIG. 8

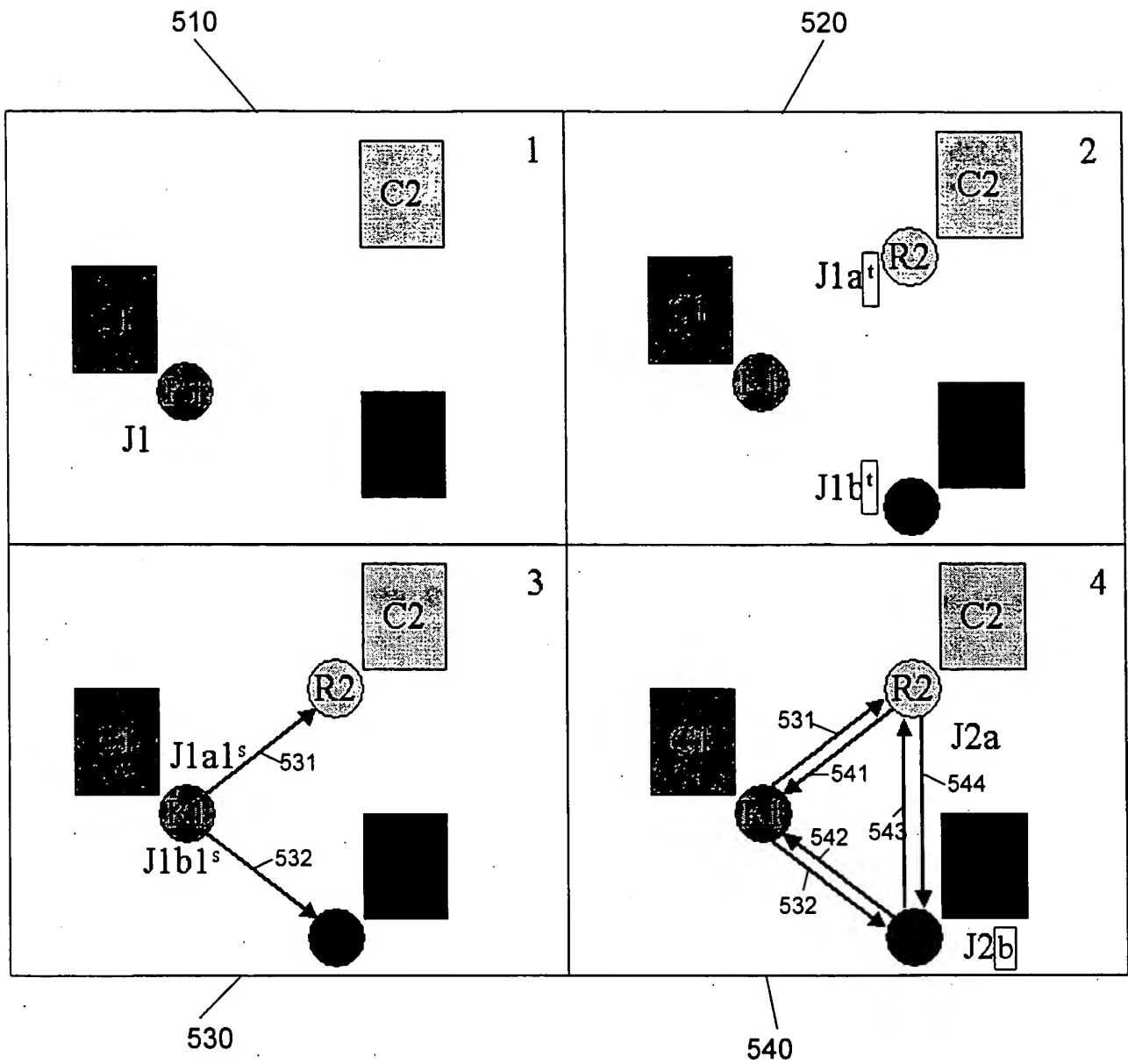


FIG. 9

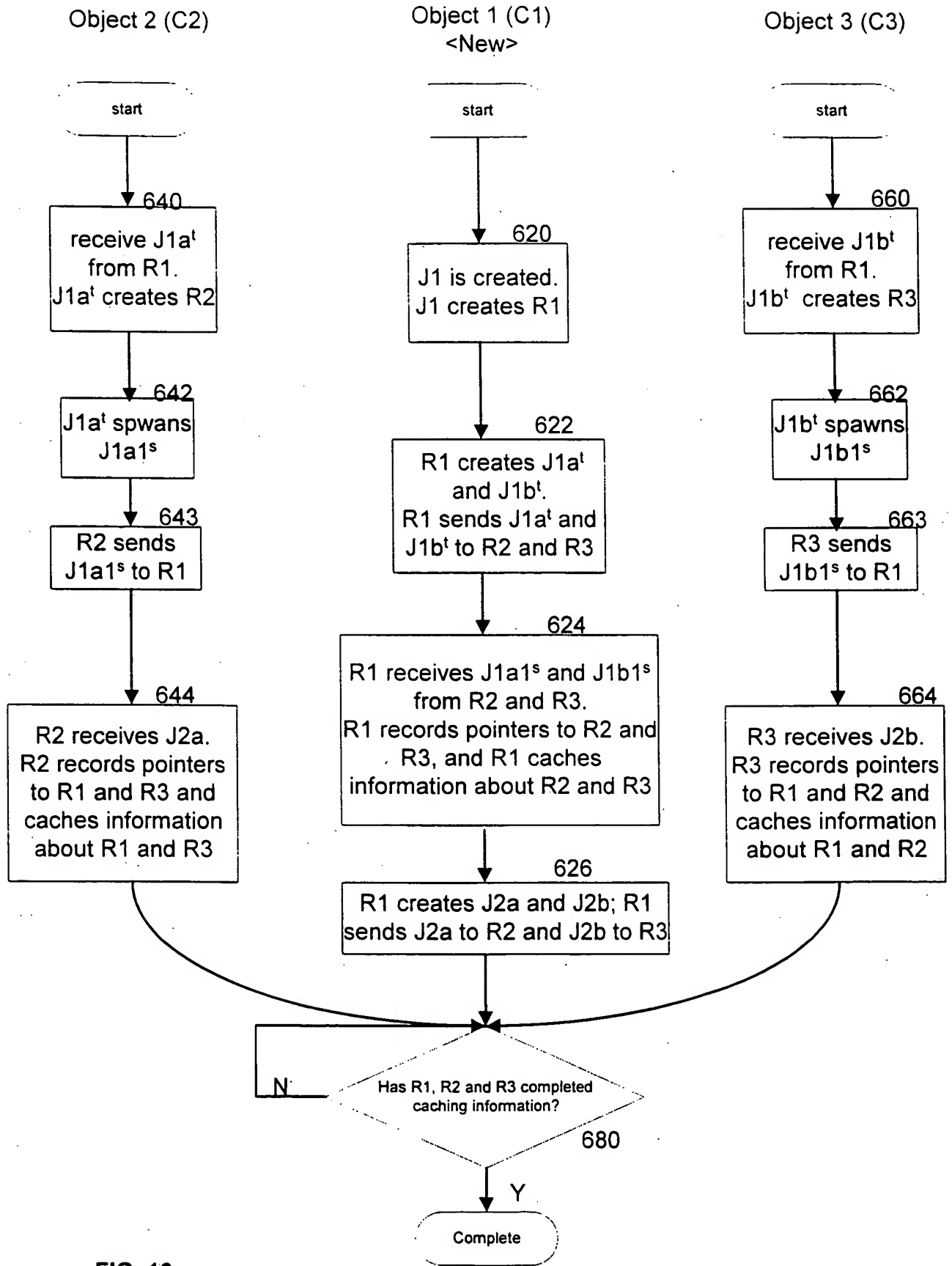


FIG. 10

81

**Edit Relationship Ownership**

Relationship:  Roles:

Class:  Cardinality:

Attributes to cache from role:

| Data Key Attribute       |  |
|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> <b>name (Name)</b>       |
| <input type="checkbox"/> | first (String)   |
| <input type="checkbox"/> | middle (String)  |
| <input type="checkbox"/> | last (String)  |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> <b>address (Address)</b> |
| <input type="checkbox"/> | birthDate (Date)   |
| <input type="checkbox"/> | ssn (String)   |

OK Cancel

80

FIG. 11

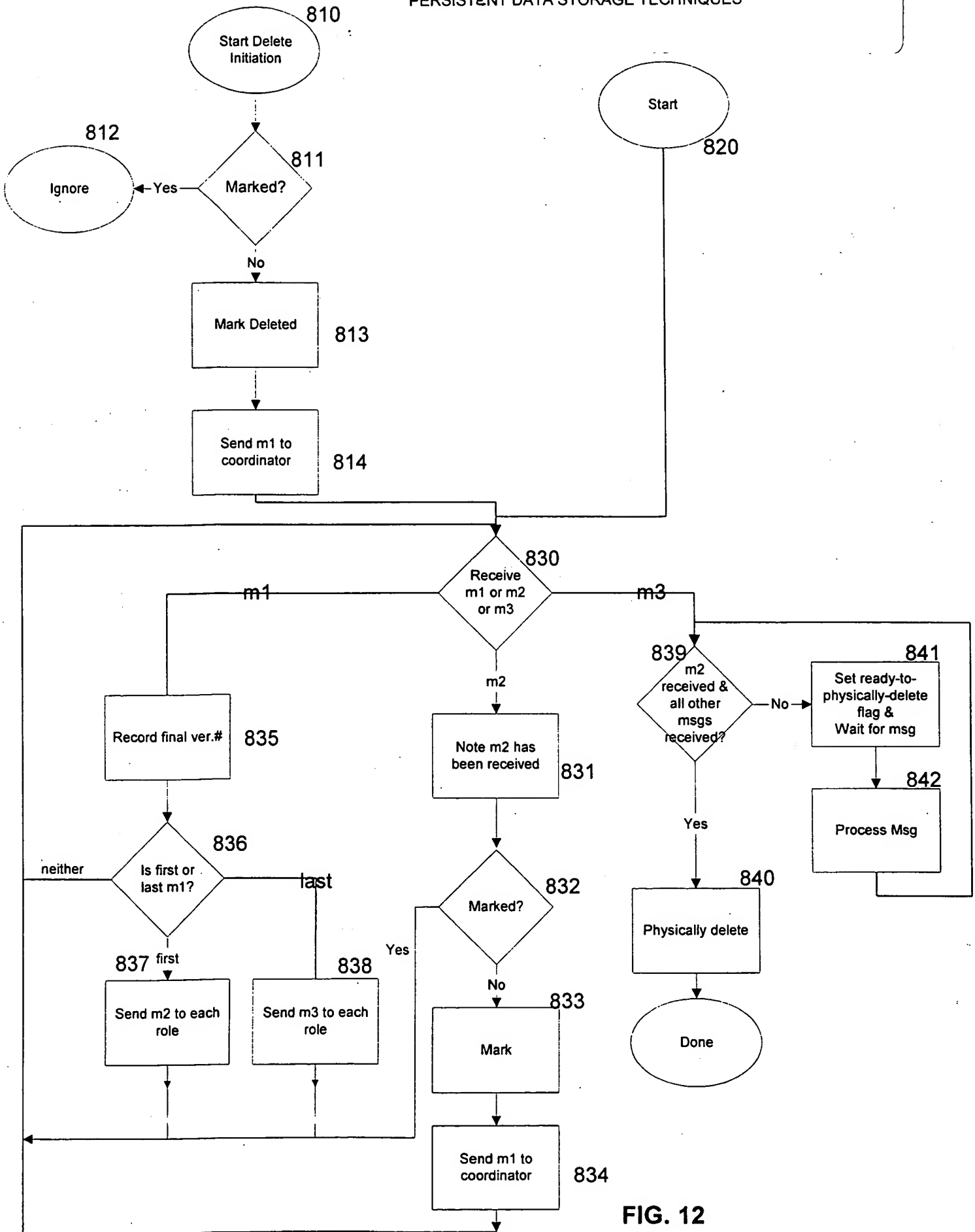


FIG. 12

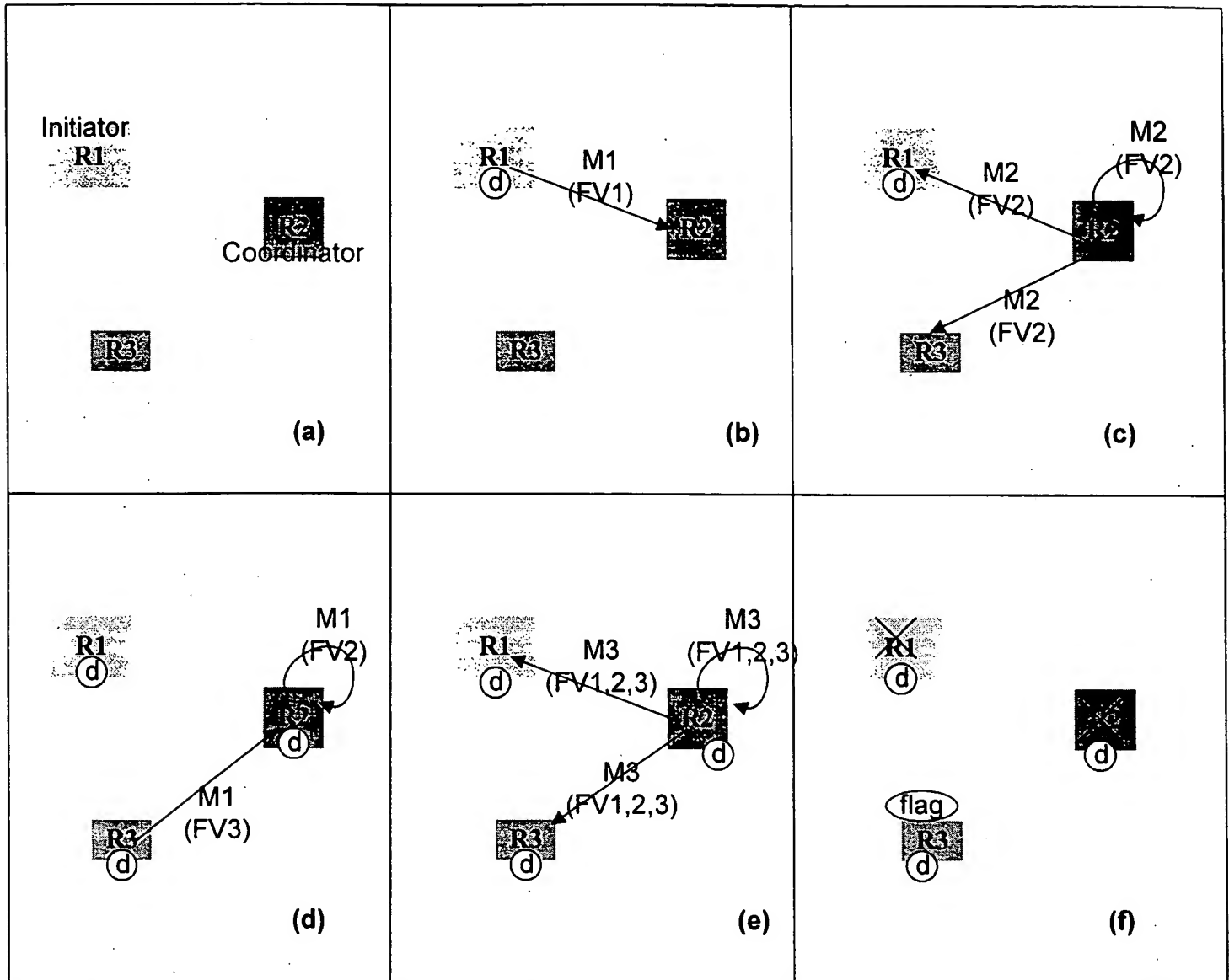


FIG. 13